

Appl. No. 10/087,458
Amdt. dated June 6, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 26 (Canceled)

27. (Currently Amended) An apparatus for trimming a person's nails, the apparatus comprising:

an elongated mobile housing comprising an elongated body member having a shape and size suitable for being held in a single hand of a user for which a person may grasp;

an electric drive device within and coupled to the mobile housing, the electric drive device having a transfer member;

a power supply contained within the mobile housing to supply power to the electric drive device when activated by a switch;

a movable head positioned on the mobile housing and coupled to the transfer member of the electric drive device, the movable head having a size substantially smaller than the user's hand, the movable head being adapted to receive mechanical energy from the electric drive device through the transfer member so as to move in a selected motion at a selected speed;

an abrasive surface coupled to the movable head, the abrasive surface having a grit adapted to trim a person's nail when moving in the selected motion at the selected speed which when moving will trim a person's nail without damaging surrounding epidermal tissue; and

a shock absorbing member coupled between the movable head and abrasive surface, the shock absorbing member providing shock adsorption to allow the abrasive surface to conform to a person's nail being capable of allowing the abrasive member to conform onto a non-conformal surface, such as around a person's finger and nail,

wherein at least one of the selected motion, the selected speed, the grit, and the shock absorption are selected to allow whereby when activated the movable head abrasive surface is moving at a predetermined speed to trim a person's nail while the person's epidermal tissue surrounding the nail finger remains unharmed if contacted by the abrasive surface.

Appl. No. 10/087,458
Amdt. dated June 6, 2005

28. (Original) The apparatus of claim 27 wherein the shock absorbing member is a resilient, conforming material that is selected from a foam or elastomer.

29. Cancelled

30. (Currently Amended) The apparatus of Claim ~~26~~ 27 wherein the movable head oscillates.

31. (Currently Amended) The apparatus of Claim ~~26~~ 27, wherein the movable head rotates.

32. (Currently Amended) The apparatus of Claim ~~26~~ 27, wherein the movable head laterally moves.

33. (Currently Amended) The apparatus of Claim ~~26~~ 27, wherein the movable head moves in an orbital motion.

34. (Currently Amended) The apparatus of Claim ~~26~~ 27, wherein the transfer member moves the movable head in at least two motions, defined as a second motion that is different than a first motion.

35. (Currently Amended) The apparatus of Claim ~~26~~ 27, wherein the abrasive surface is removable from the movable head.

36. (Currently Amended) The apparatus of Claim ~~26~~ 27, wherein the abrasive surface has a graphic design to provide a pattern during movement of the movable head.

37. (New) An apparatus for trimming a person's nails, the apparatus comprising:
an elongated mobile housing having a shape and size suitable for being held in a single hand of a user;
an electric drive device within and coupled to the mobile housing, the electric drive device having a transfer member;
a power supply contained within the mobile housing to supply power to the electric drive device when activated;

Appl. No. 10/087,458
Amdt. dated June 6, 2005

a switch positioned on the housing for actuation with a finger defined by said single hand of the user, said switch is in communication with the power supply and electric drive device such that when said switch is pressed by a person, the electric drive device is activated;

a movable head positioned on the mobile housing and coupled to the transfer member of the electric drive device, the movable head having a size substantially smaller than the user's hand, the movable head being adapted to receive mechanical energy from the electric drive device through the transfer member so as to move in a selected motion at a selected speed; and

an abrasive surface coupled to the movable head, the abrasive surface having a grit adapted to trim a person's nail when moving in the selected motion at the selected speed,

wherein at least one of the selected motion, the selected speed, and the grit are selected to allow the abrasive surface to trim a person's nail while the person's epidermal tissue surrounding the nail remains unharmed if contacted by the abrasive surface.

38. (New) The apparatus of Claim 37 further comprising:

a shock absorbing member disposed between the movable head and abrasive surface, the shock absorbing member having a means to allow the abrasive member to conform onto a non-conformal surface, such as around a person's finger and nail.

39. (New) The apparatus of Claim 37 wherein the power supply is replaceable and the housing includes an access door secured on the second end.

40. (New) The apparatus of Claim 37 wherein the electric drive device is adapted to move the head in an oscillation motion.

41. (New) The apparatus of Claim 37 wherein the mobile housing has first and second ends and a longitudinal axis therebetween, and the moveable head is positioned on the mobile housing such that the abrasive surface faces laterally relative to the longitudinal axis.

42. (New) An electric nail trimmer comprising:

an elongated body having a size and shape suitable for being grasped in a single hand of a user, the elongated body having first and second ends and a longitudinal axis therebetween;

Appl. No. 10/087,458
Amdt. dated June 6, 2005

an electric drive device secured within the body, the electric drive device having a transfer member;

a power supply within the body to supply power to the electric drive device when activated;

a movable head substantially smaller than the user's hand positioned near the first end of the body and having a working surface facing laterally relative to the longitudinal axis, the movable head coupled to the transfer member of the electric drive device such that the movable head is capable of moving at a predetermined speed;

an abrasive surface coupled to the working surface of the movable head, the abrasive surface having a grit selected to minimize damage to epidermal tissue surrounding a person's nail; and

a shock absorbing member disposed between the movable head and abrasive surface, to allow the abrasive member to conform onto a non-conformal surface, such as around a person's finger and nail,

whereby when activated the abrasive surface moves at the predetermined speed to trim a person's nail while the person's epidermal tissue surrounding the nail remains unharmed.

43. (New) An apparatus for trimming a person's nails, the apparatus comprising:

an elongated mobile housing having a shape and size suitable for being held in a single hand of a user;

an electric drive device within and coupled to the mobile housing, the electric drive device having a transfer member;

a movable head positioned on the mobile housing and coupled to the transfer member of the electric drive device, the movable head having a size substantially smaller than the user's hand, the movable head being adapted to receive mechanical energy from the electric drive device through the transfer member so as to move in a selected motion at a selected speed;

an abrasive surface coupled to the movable head, the abrasive surface having a grit adapted to trim a person's nail when moving in the selected motion at the selected speed; and

a shock absorbing member coupled between the movable head and abrasive surface, the shock absorbing member providing shock adsorption to allow the abrasive surface to conform to a person's nail,

wherein at least one of the selected motion, the selected speed, the grit, and the shock absorption are selected to allow the abrasive surface to trim a person's nail while the person's epidermal tissue surrounding the nail remains unharmed if contacted by the abrasive surface.

Appl. No. 10/087,458
Amdt. dated June 6, 2005

44. (New) The apparatus of Claim 43 further comprising a power supply within the elongated mobile housing to supply power to the electric drive device when activated.

45. (New) The apparatus of Claim 43 wherein the mobile housing has first and second ends and a longitudinal axis therebetween, and the moveable head is positioned on the mobile housing such that the abrasive surface faces laterally relative to the longitudinal axis.

46. (New) The apparatus of Claim 43 wherein the electric drive device is adapted to move the movable head in an oscillation motion.

47. (New) An apparatus for trimming a person's nails, the apparatus comprising:
an elongated mobile housing having a shape and size suitable for being held in a single hand of a user;

an electric drive device within and coupled to the mobile housing, the electric drive device having a transfer member;

a movable head positioned on the mobile housing having a size substantially smaller than the user's hand, the movable head being adapted to receive mechanical energy from the electric drive device through the transfer member so as to move in an oscillation motion at a selected speed;

an abrasive surface coupled to the movable head, the abrasive surface having a grit adapted to trim a person's nail when moving in the selected motion at the selected speed; and

a shock absorbing member coupled between the movable head and abrasive surface, the shock absorbing member providing shock adsorption to allow the abrasive surface to conform to a person's nail,

wherein at least one of the oscillation motion, the selected speed, the grit, and the shock absorption are selected to allow the abrasive surface to trim a person's nail while the person's epidermal tissue surrounding the nail remains unharmed if contacted by the abrasive surface.

48. (New) The apparatus of Claim 47 wherein the mobile housing has a first end, a second end and a longitudinal axis therebetween, and the movable head oscillates about an axis disposed at an angle relative to the longitudinal axis.